

Applications of Complex Variables
MAP 4307.0001
Spring, 2008

Course Title/ Number:	Applications of Complex Variables/ MAP 4307. 0001
Credit Hours:	3
Meeting time and room:	Monday, Wednesday & Friday 9:30-10:20 AM
Text Book:	Complex Variables and Applications by Brown & Churchill
Pre-requisites:	MAP 2302
Instructor:	Dr. Ram N. Mohapatra
Office:	MAP 235
Telephone / email:	(407) 823-5080 email: ramm@mail.ucf.edu
Office Hours:	Monday, Wednesday: 10:30AM-12:30 PM, Friday: 10:30-11:30 AM
Syllabus:	Selected topics from Chapter 1 through Chapter X of your text.
Homework:	Homework will be assigned in each class and you are expected to do all the problems. I shall assign problems relevant to the topics covered in the class. Please ask me your difficulties at the beginning of each class.
Quizzes:	There will be a 15 minute quiz every Friday, starting the second week, except when we have a test. Topics to be covered in the quiz will be announced in the class on Wednesday.
Examinations:	There will be three tests and a comprehensive Final Examination.
Grade Distribution:	Homework: 10%, Quizzes: 10%, Tests: 3 x 20% = 60%, Final: 20%
Conversion to Letter Grade:	A (> 90%), A ⁻ (≥ 87%), B ⁺ (≥ 84%), B (≥ 80%), C ⁺ (≥ 76%), C (≥ 70%), C ⁻ (≥ 67%), D ⁺ (≥ 64%), D (≥ 60%), F (< 60%).
Dates of the Examinations:	Test 1: Friday, February 22, Test 2: Friday, March 21, Test 3: Friday, April 18, 2008. Final Examination: Friday, April 25: 7:00 AM to 9:50 PM
Special Days:	Withdrawal Deadline: Friday, February 29, 2008 Holidays: Martin Luther King Jr. Day: January 21, 2008, Spring Break: March 10 to March 15, 2008
Note:	Please read the text and supplement it by reading Schaum's outlines "Complex Variables with an Introduction to Conformal mapping and its applications". Please solve many problems to gain confidence in problem solving skills. Please ask your difficulties in class or during my office hours or by email. Let us work together to master Complex Variables and its applications.